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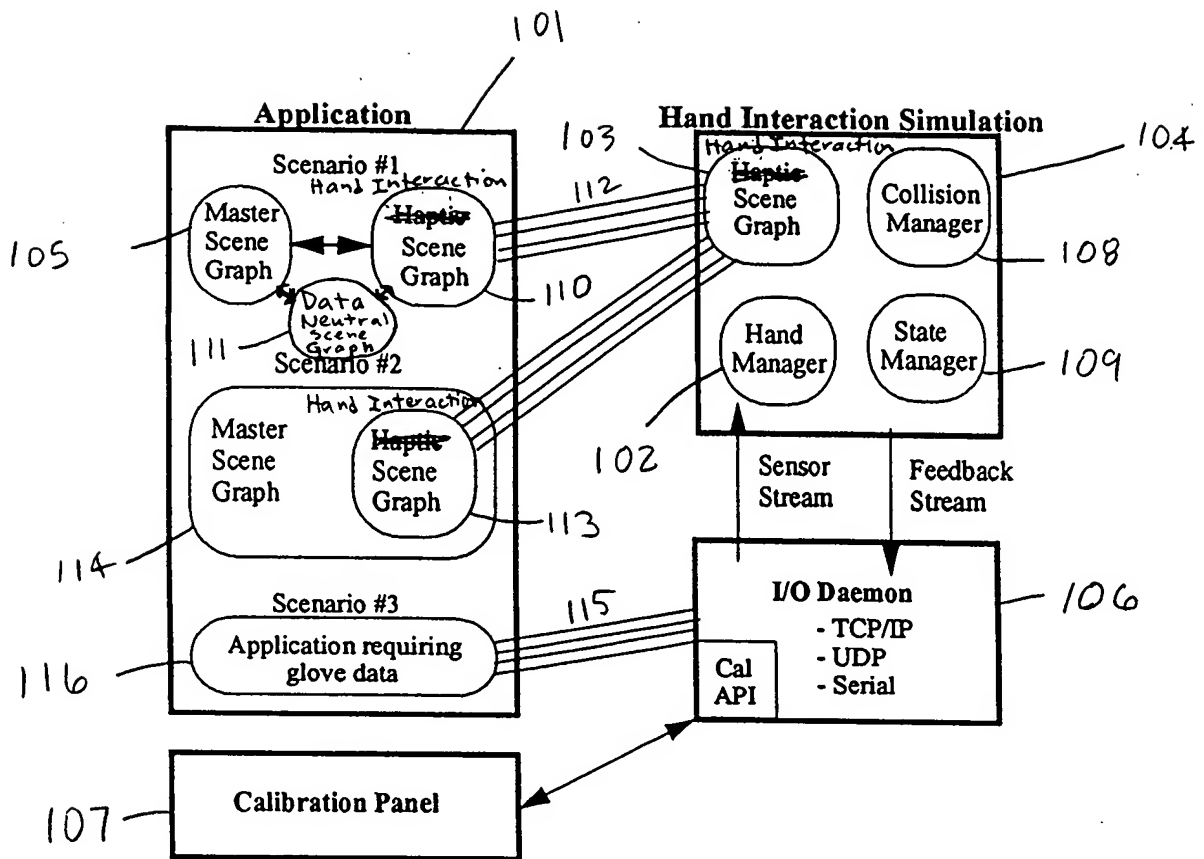


Figure 1: Overview of Virtual Hand Toolkit

FIG. 1

200

203

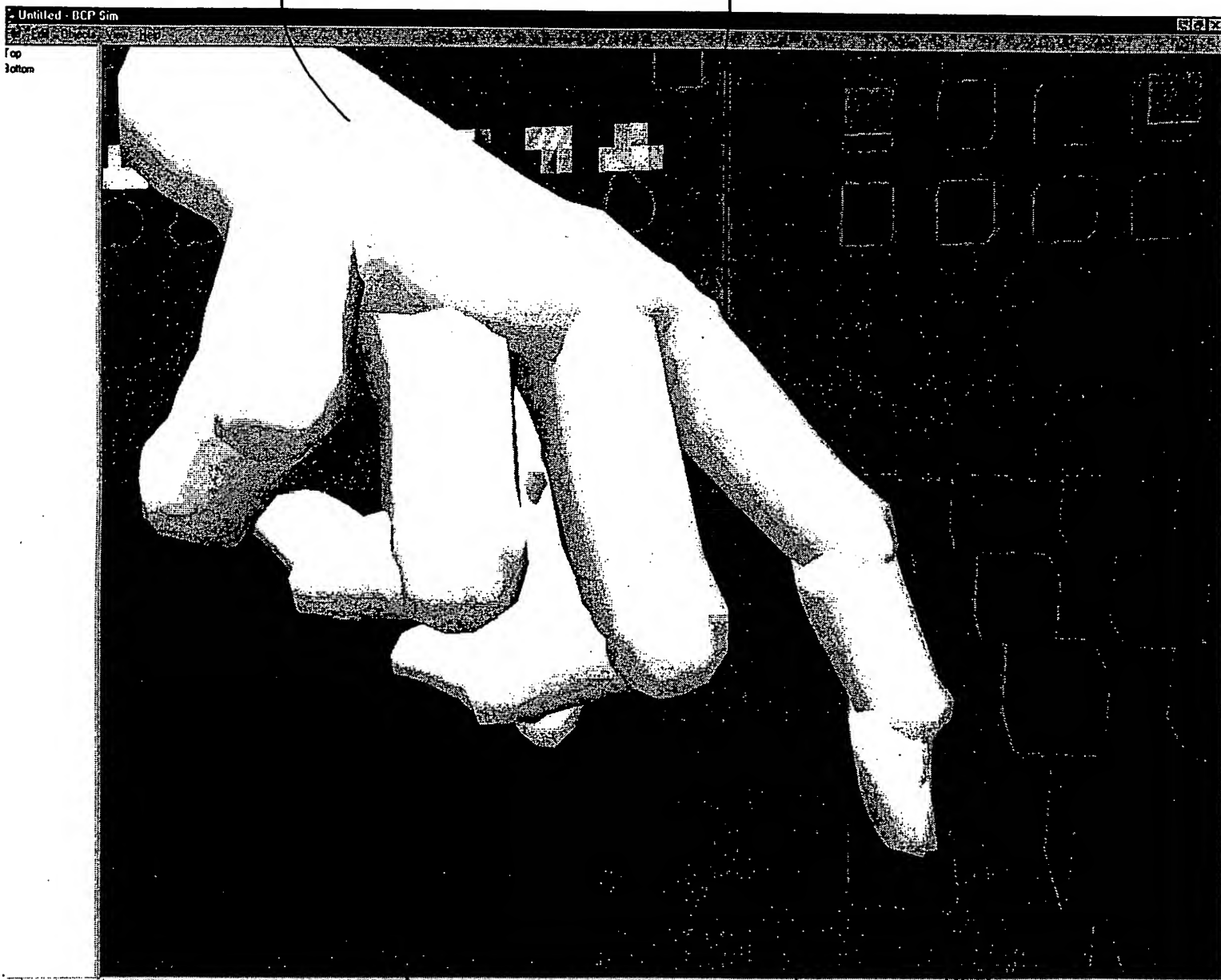


FIG. 2

204

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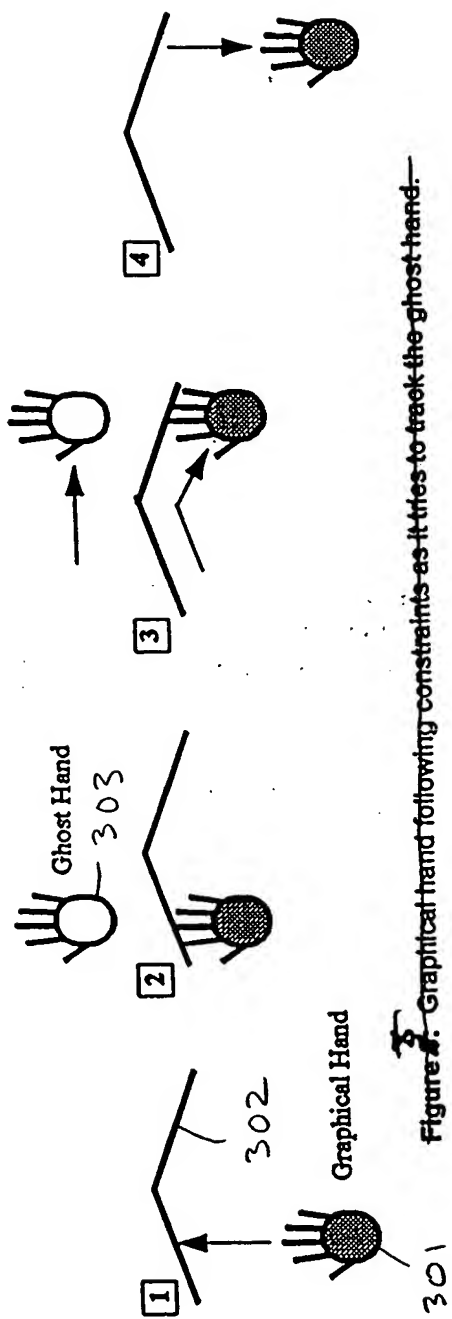


Figure 3: Graphical hand following constraints as it tries to track the ghost hand.

FIG. 3

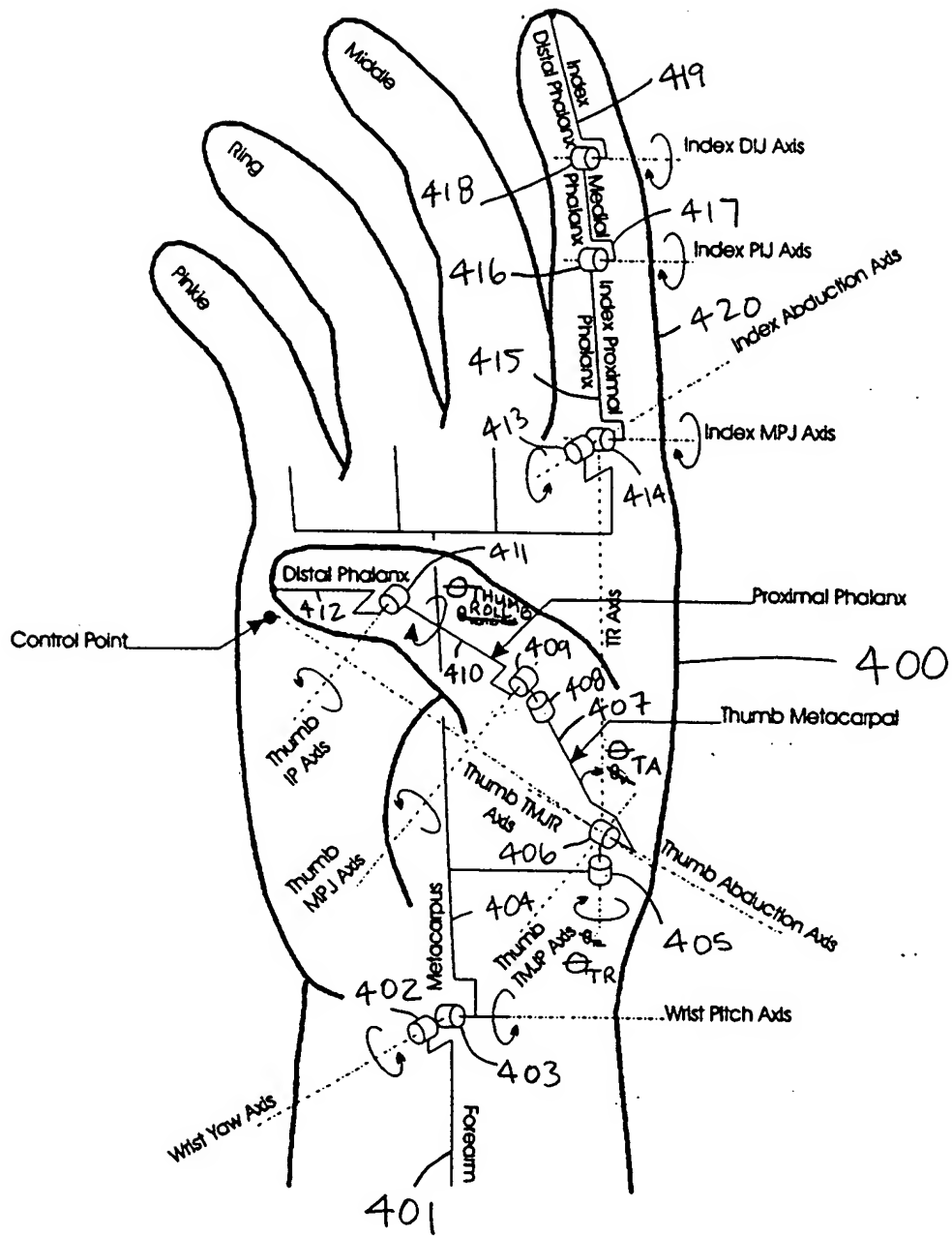


FIG. 4

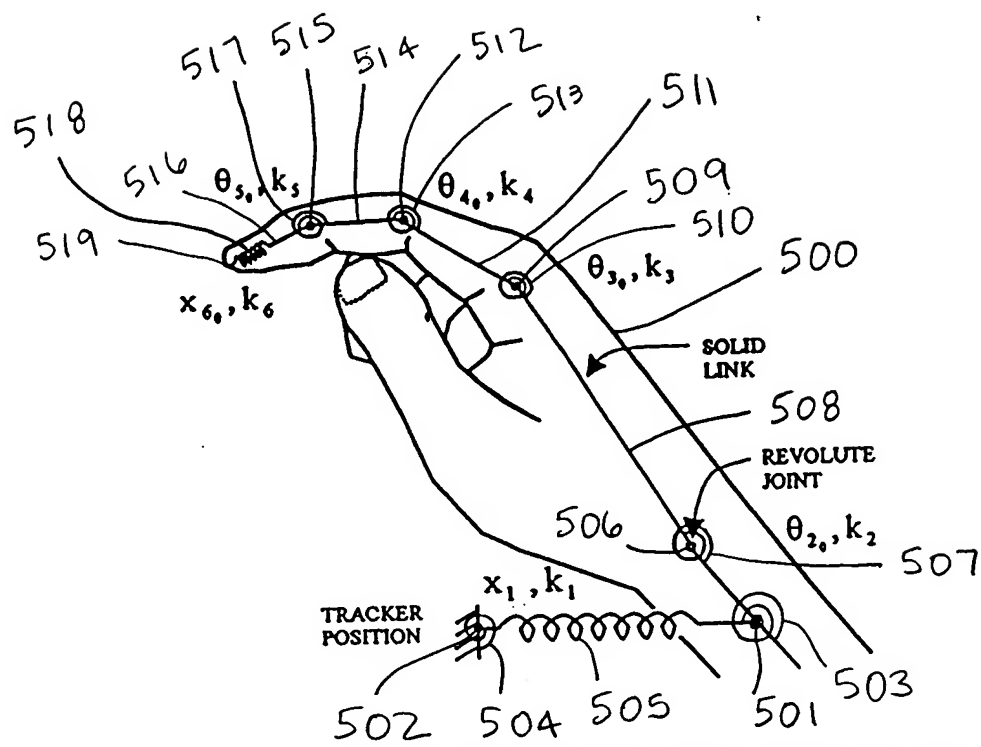


FIGURE 3: Spring Model for the Virtual Hand

FIG. 5

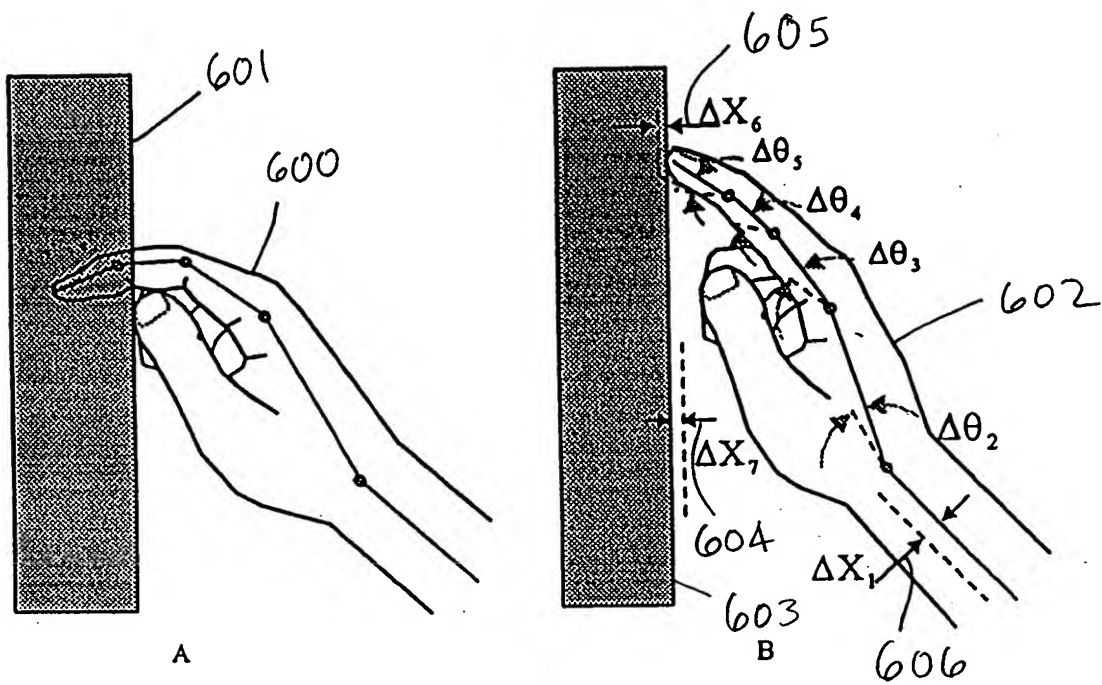
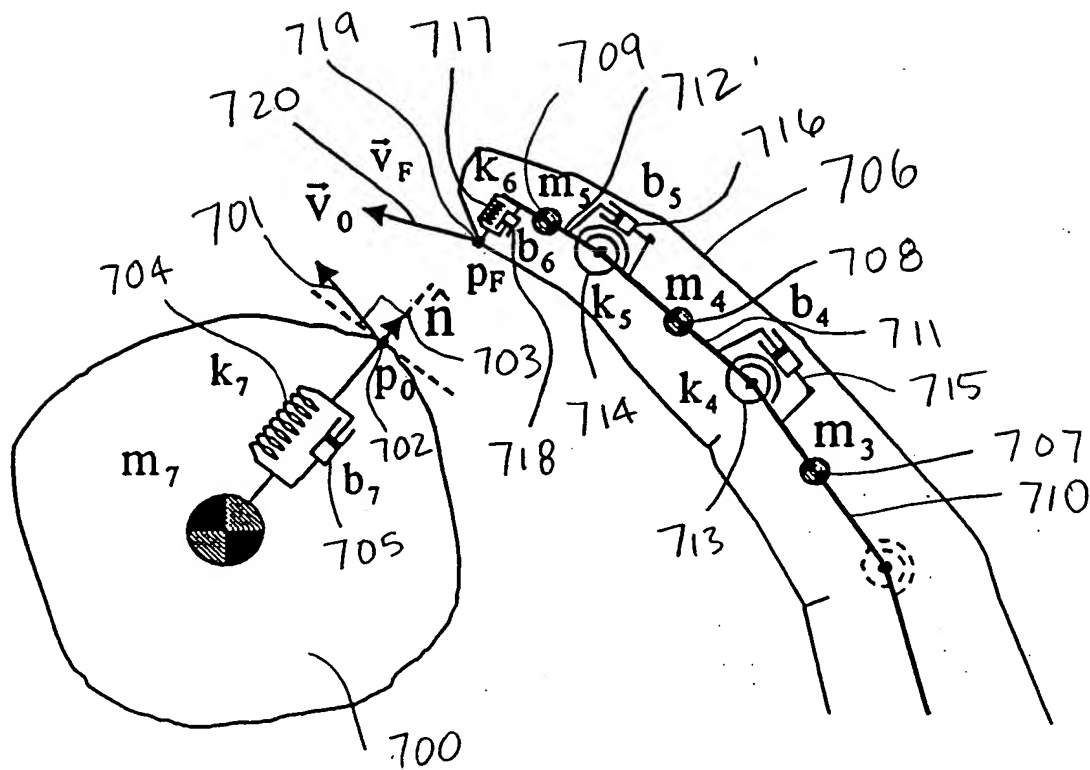


FIGURE 4: (A) Ghost hand; (B) Graphical hand

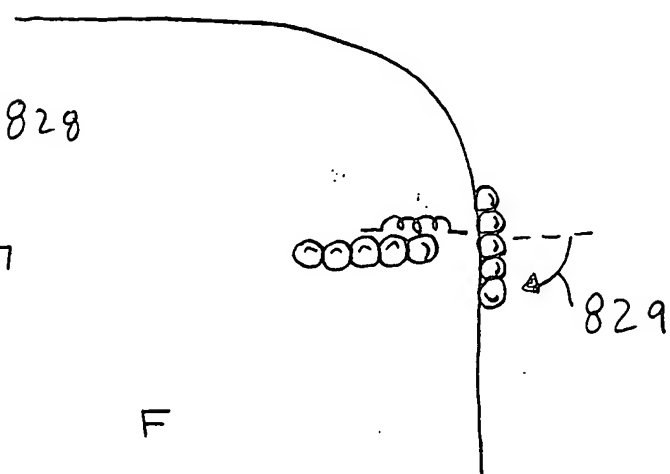
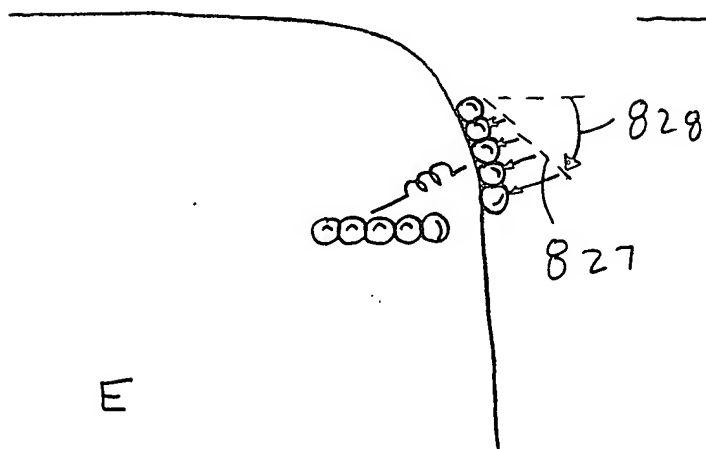
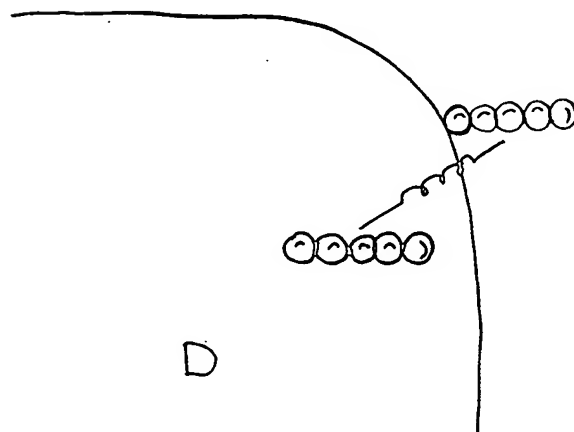
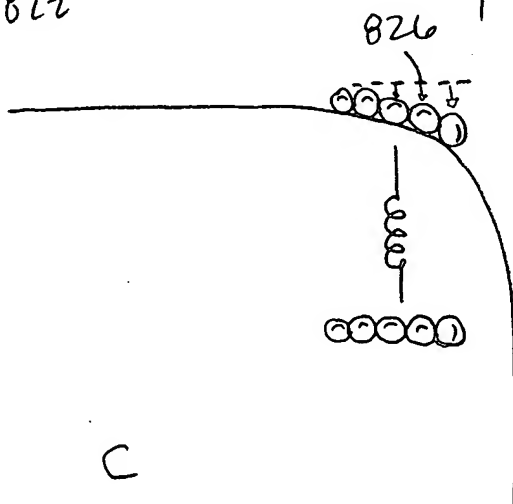
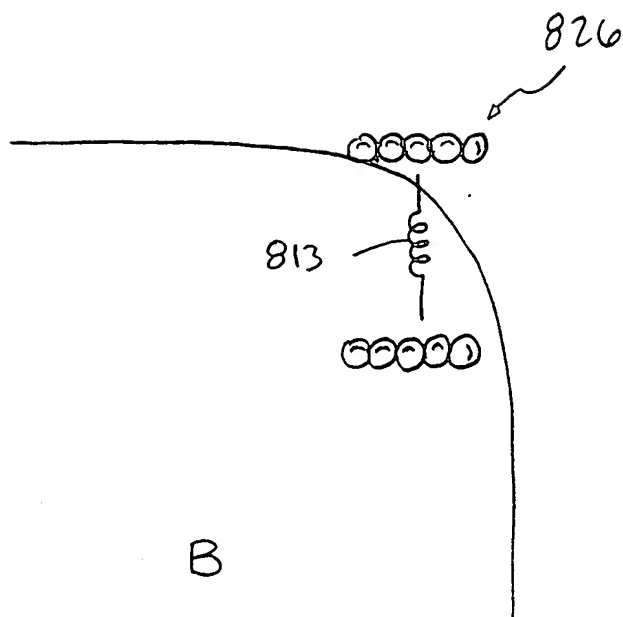
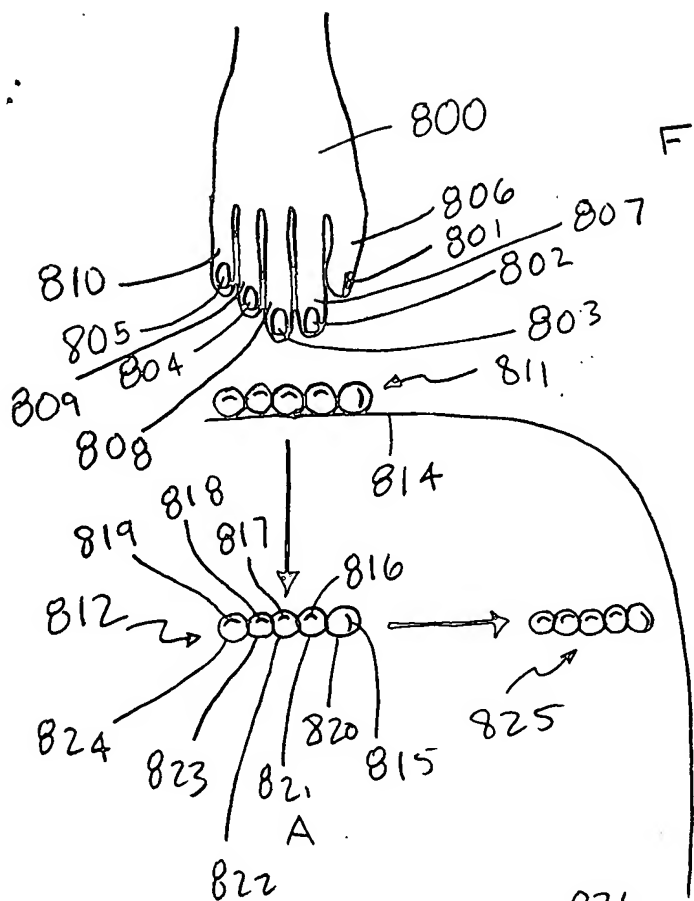
FIG. 6



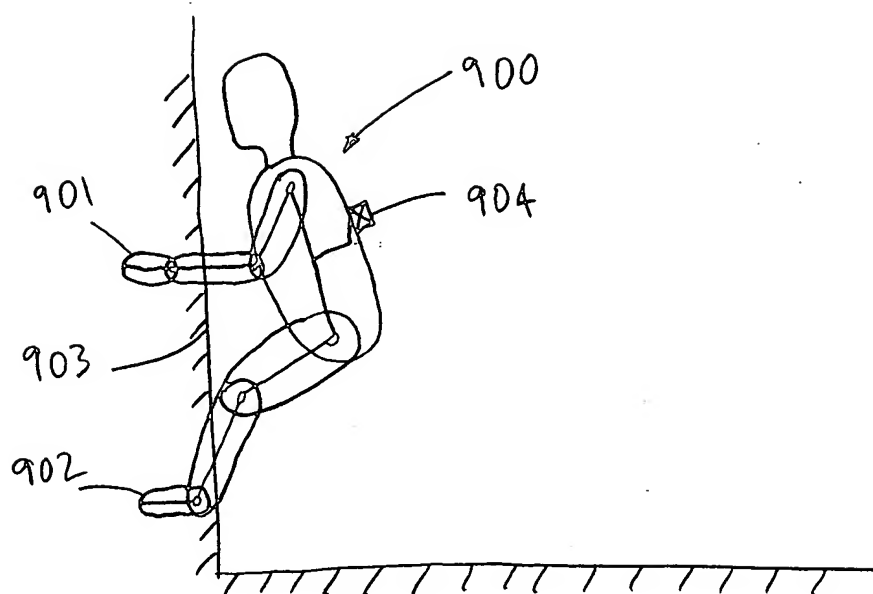
~~FIGURE 5: Dynamic Spring-Mass-Dashpot Model for the Hand~~

FIG. 7

FIG. 8



A



B

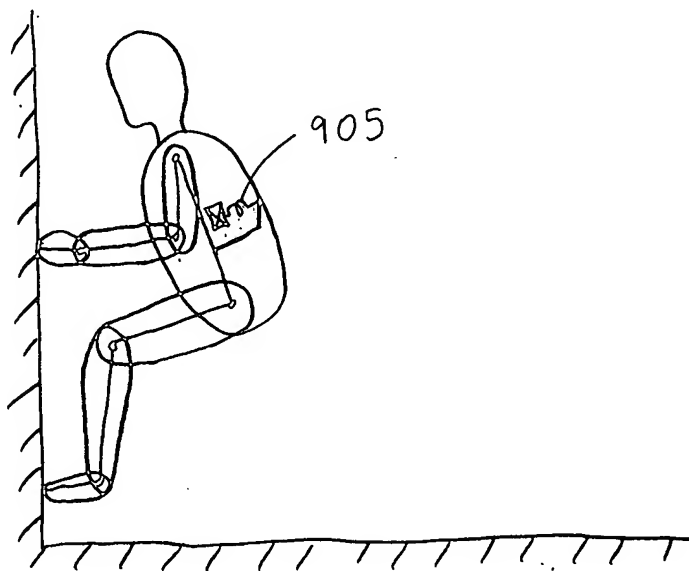


FIG. 9

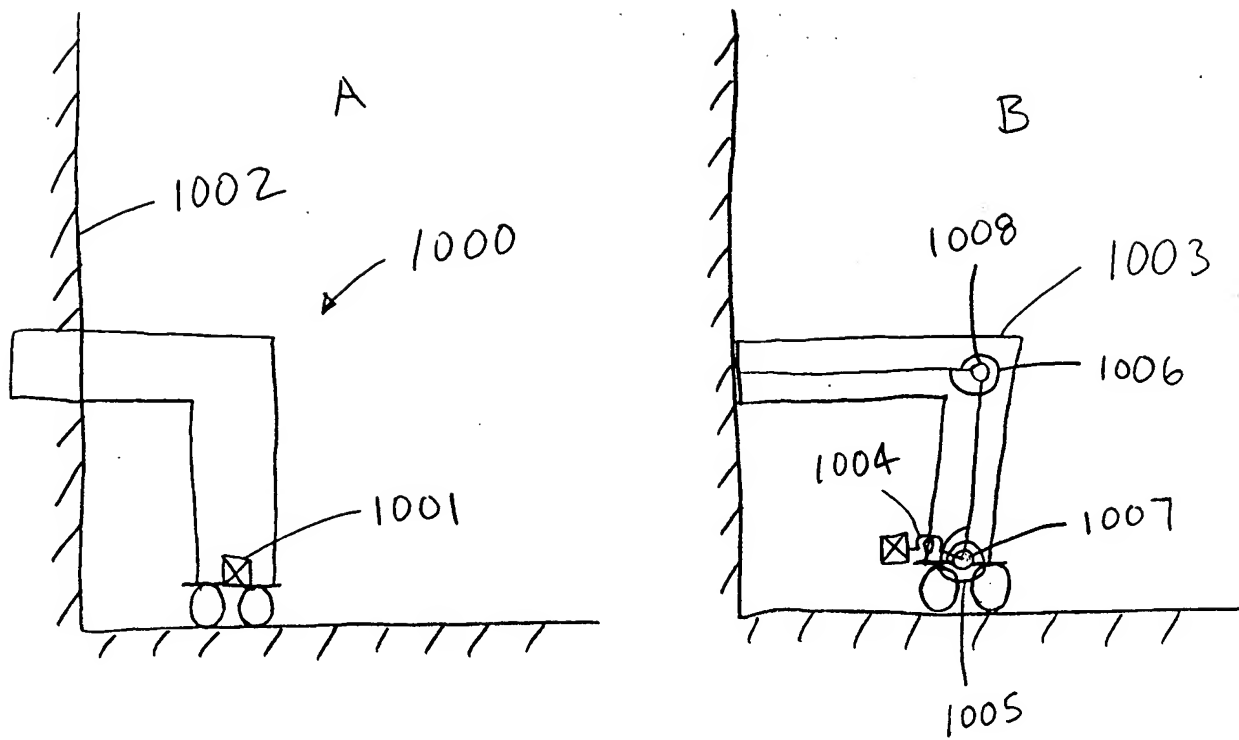


FIG. 10

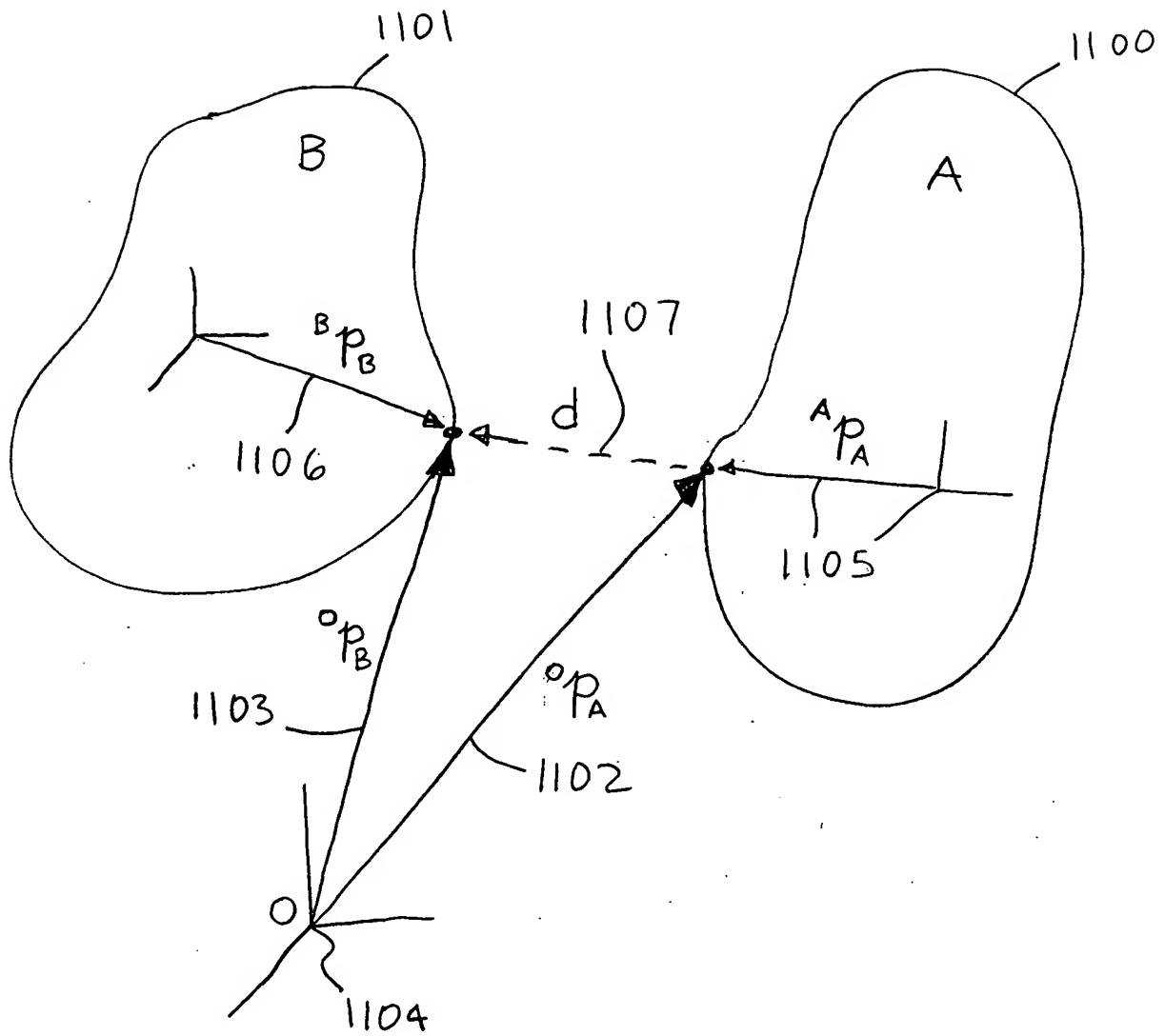


FIG. 11

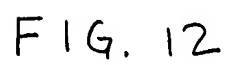


FIG. 12

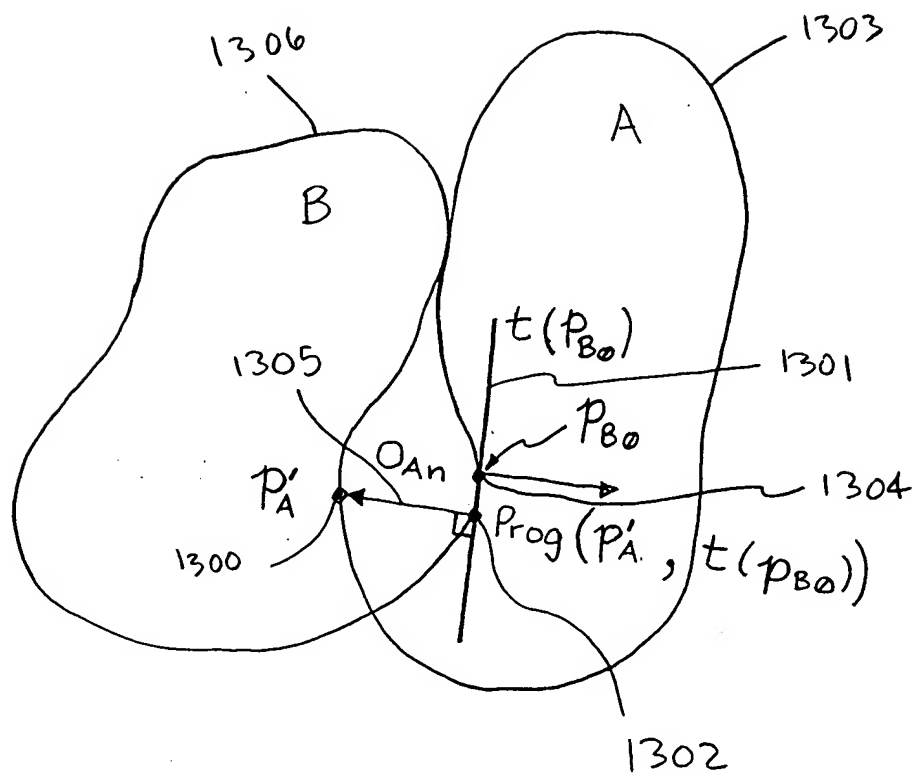


FIG. 13

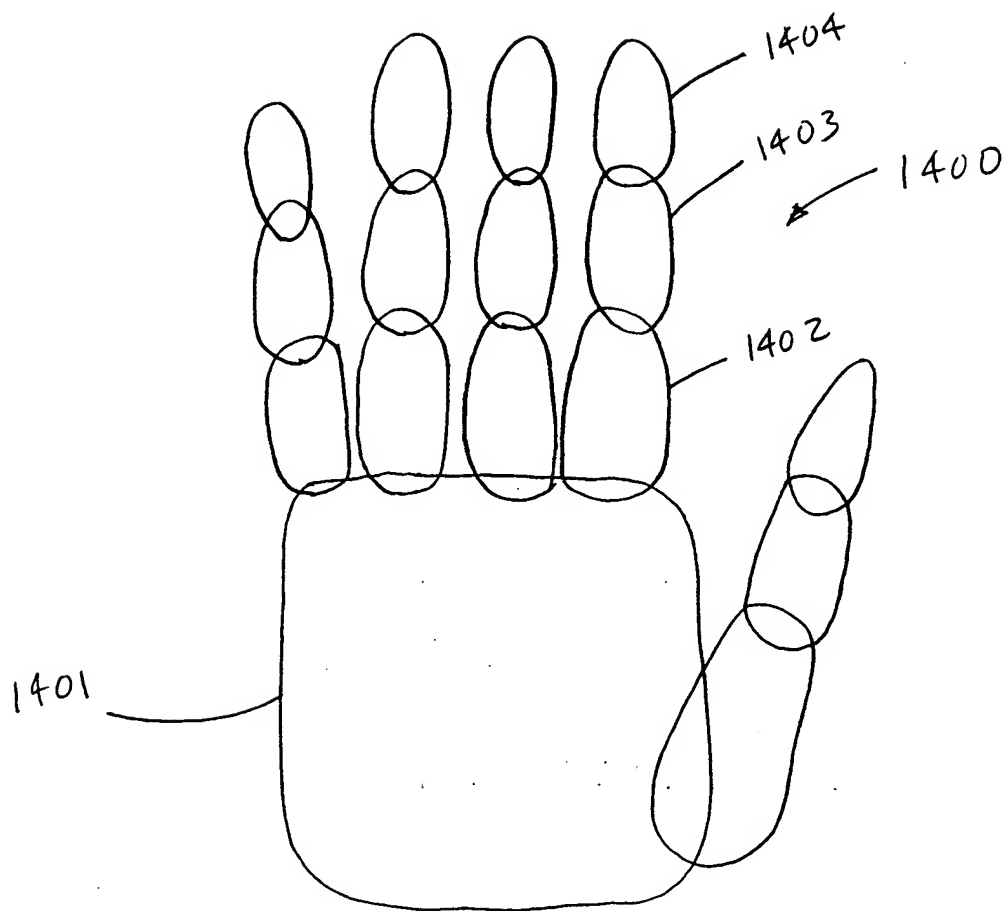


FIG. 14

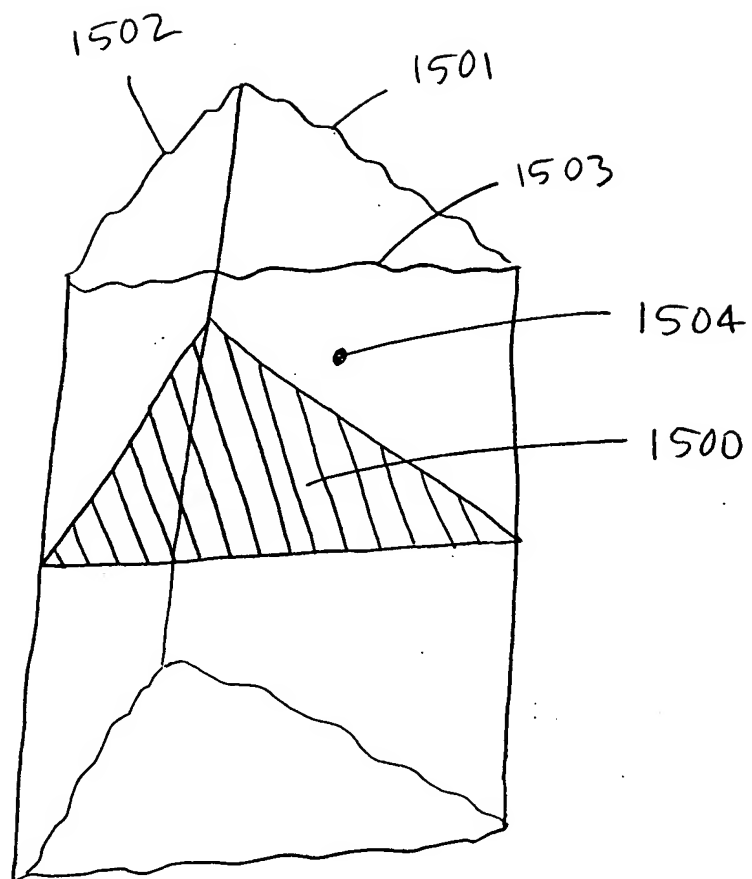


FIG. 15

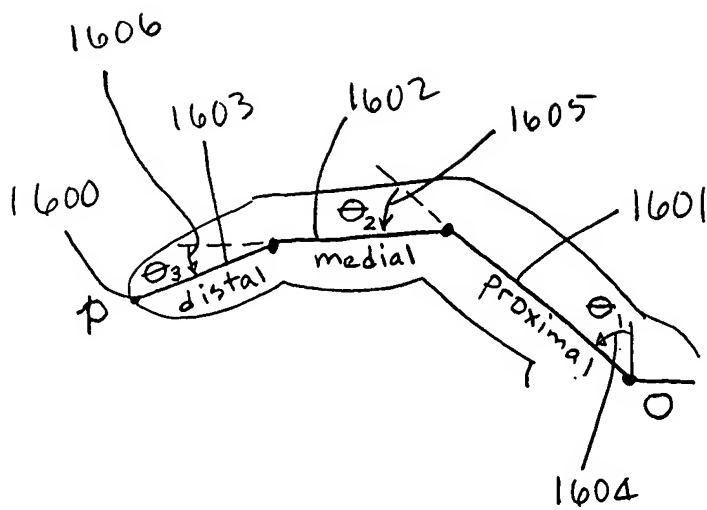
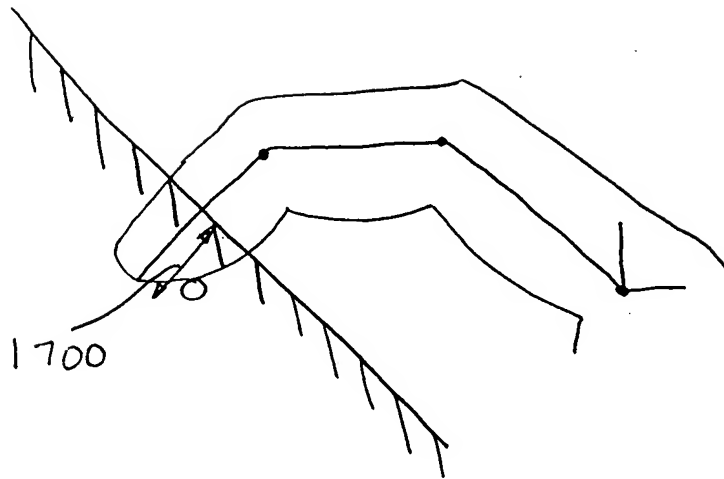
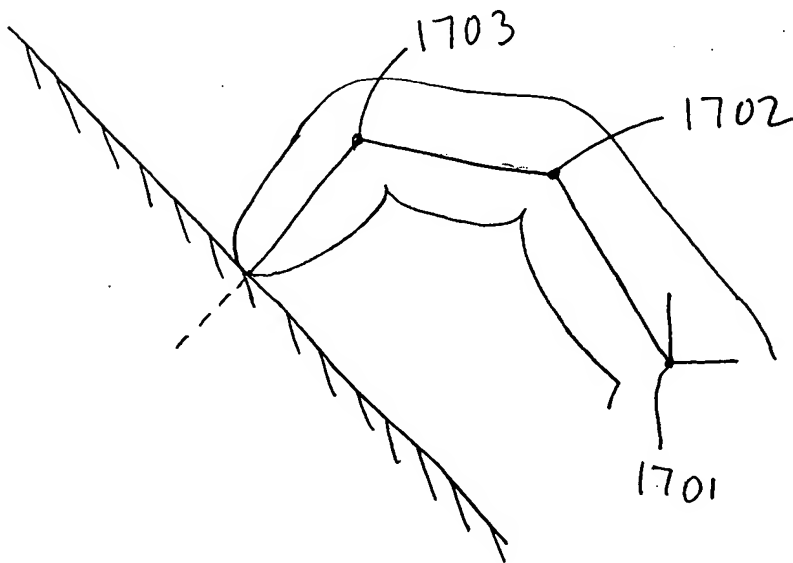


FIG. 16



A



B

FIG. 17

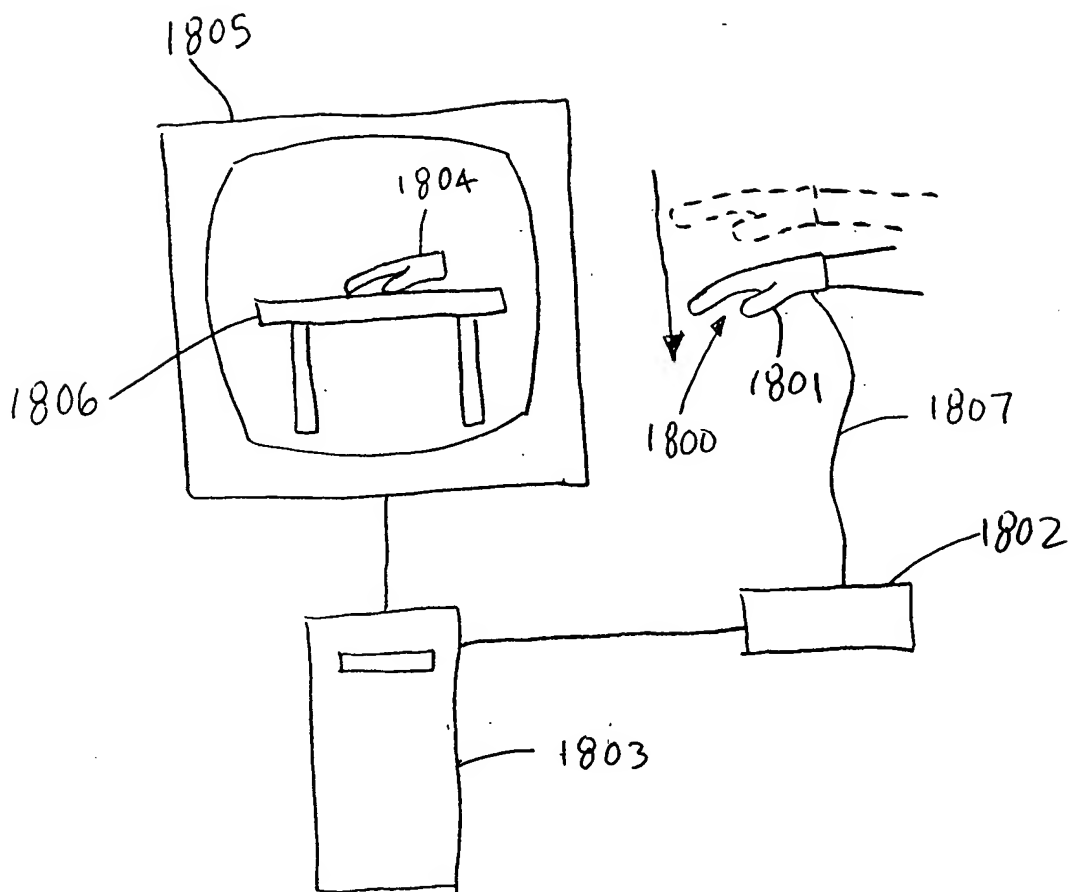


FIG. 18